

Use a proportion to solve each problem.

1. A baseball team has won 14 games. The ratio of games won to games played is 7 to 12. How many games has the team played? 1.

The team has played _____ games.

2. A cleaning concentrate is to be mixed with water so that the ratio of water to concentrate is 8 to 1. At that rate how much concentrate should be mixed with 16 quarts of water? 2. 3.

_____ quarts of concentrate should be mixed with 16 quarts of water.

3. The ratio of boys to girls at Lincoln School is 11 to 10. There are 330 boys at the school. How many girls are there?

There are _____ girls at the school.

4. At the cafeteria the ratio of pints of chocolate milk sold to pints of plain milk sold is 4 to 7. At this rate how many pints of plain milk will be sold if 100 pints of chocolate milk are sold? 4. 5.

_____ pints of plain milk will be sold.

5. During a Cougars' basketball game, the ratio of baskets made to baskets attempted was 2 to 5. The Cougars made 26 baskets. How many baskets did they attempt?

They attempted _____ baskets.

6. The park department planted oak and maple trees in a 5 to 7 ratio. They planted 105 oaks. How many maples did they plant? 6. 7.

They planted _____ maples.

7. On a spelling test, the ratio of words Dawn spelled correctly to those she misspelled was 4 to 1. She spelled 20 words correctly. How many did she misspell?

She misspelled _____ words.

Perfect score: 7 My score: _____